GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:720
ANSWERED ON:28.04.2016
Potential of Energy Generation from Biomass
Khadse Smt. Raksha Nikhil;Singh Shri Ravneet

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the country possess huge potential of energy generation from biomass, if so, the details thereof;

(b) whether the Government has undertaken any study to find out the same, if so, the details thereof;

(c) the fund allocated by the Government for energy generation from biomass during each of the last three years, States-wise;

(d) whether the Government proposes to establish rice husk biomass power generation plants by using gasifire were established in Bihar at the village levels, if so, the details thereof;

(e) the present status of these power generation plants in the country; and

(f) the steps being taken by the Government for promotion of gasifires to use widely as a non-conventional energy source?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY
(INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): As per the National Biomass Resource Atlas prepared by Indian Institute of Science, Bangalore under a project sponsored by Ministry of New and Renewable Energy, the estimated power generation capacity from biomass is about 18,000 MW. In addition, a surplus power generation capacity of about 5000 MW through bagasse based cogeneration in sugar mills has been estimated in the country. The state-wise details of estimated power generation potential from agricultural residues and bagasse based cogeneration potential are given at Annexure-I and II respectively.

(c): State-wise details of funds released under biomass power and baggase cogeneration programmes, during last three years are given at Annexure-III.

(d)&(e): The Ministry of New and Renewable Energy (MNRE) is promoting generation of electricity from agro-residues including paddy husk through biomass gasifier system for meeting unmet demand of electricity in rural areas. Sixty rice husk based gasifier systems of 32 kW each are providing electricity in various villages in the state of Bihar.
(f): The Ministry of New and Renewable Energy provides Central Finance Assistance (CFA) under biomass gasifier programme ranging from Rs. 2,500 to Rs.15,000 per kilowatt depending upon application.